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UNITED STATES

DECLARATION FOR PATENT APPLICATION

Docket No. SOH 14.569

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled STRUCTURE AND METHOD FOR MANUFACTURING A SEMICONDUCTOR  
OPTICAL WAVEGUIDE

the specification of which

(check one) ☒ is attached hereto.

☐ was filed on \_\_\_\_\_

Application Serial No. \_\_\_\_\_ as

and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(n).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)  
8-289568

(Number)	Japan	31/10/1996	Priority Claimed
(Country)	(Day/Month/Year Filed)	Yes No	
(Number)	(Country)	(Day/Month/Year Filed)	Yes No
(Number)	(Country)	(Day/Month/Year Filed)	Yes No

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(n) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing Date)	(Status - patented, pending, abandoned)
(Application Serial No.)	(Filing Date)	(Status - patented, pending, abandoned)

I hereby appoint as my attorney and agent Aaron B. Karas, Reg. No. 18,923, Samson Helfgott, Reg. No. 23,072, Leonard Cooper Reg. No. 27,625 and Emma Shleifer, Reg. No. 29,734 to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Address all correspondence to:

HELFGOTT & KARAS P.C.  
60th Floor  
Empire State Building  
New York, New York 10118-0110  
Telephone No. (212) 643-5000

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor Norihiro IWAI  
Inventor's signature Norihiro Iwai Date 27/10/1997  
Residence Tokyo, Japan Citizenship Japanese  
Post Office Address 2-8-17, Futaba, Shinagawa-ku, Tokyo, Japan

Full name of second joint inventor, if any Kazuaki NISHIKATA  
Second inventor's signature Kazuaki Date 27/10/1997  
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03886930-062501

## ADDITIONAL INVENTORS FOR DECLARATION/ASSIGNMENT

Full name of additional inventor AKIHIKO KASUKAWA  
Inventor's signature [Signature] Date 27/10/1997  
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Full name of additional inventor \_\_\_\_\_  
Second Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
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By:   
LINDA E. HASTINGS

Any fee due as a result of this paper, not covered by an enclosed check, may be charged on Deposit Acct. No. 08-1634.

Attorney Docket No.: SOH 14.569A

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Inventor : Norihiro IWAI, et al.  
Serial No. :  
Filed : June 25, 2001  
Title : **STRUCTURE AND METHOD FOR  
MANUFACTURING A SEMICONDUCTOR  
OPTICAL WAVEGUIDE**  
Examiner :  
Group Art Unit :


Assistant Commissioner for Patents  
Washington, D.C. 20231

**SUB-POWER OF ATTORNEY**

S I R :

I, Samson Helfgott, attorney of record herein, do hereby grant a sub-power of attorney to Linda S. Chan, Reg. No. 42,400; Michael I. Markowitz, Reg. No. 30,659; Brian S. Myers, Reg. No. 46,947; and Harris A. Wolin, Reg. No. 39,432 to act and sign in my behalf in the above-referenced application.

Respectfully submitted,

  
Samson Helfgott  
Reg. No. 23,072

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